Fujifilm offers a range of thermal CTP platemaking systems that cover the needs of web- and sheet-fed print businesses, from limited-budget solutions that don’t compromise on quality right up to fully automated, highest throughput models using state-of-the-art GLV™ technology.

Since its launch in 1998, Luxel T-9000CTP has proven its quality and reliability with B1 printers, while the T-6000CTP has become popular among B2 press users.

Fujifilm has enhanced the range, expanding it with two entry-level systems for B2 and B1 and a top-of-the-range B1 system with a 512-channel imaging head featuring cutting-edge GLV™ technology for highest productivity and output quality. Various processor and automation options are available to cater for every possible production need.

Supporting this extensive product line is a comprehensive offering of RIPping and workflow systems, screening products, high quality Brillia thermal positive working plates and environmentally-efficient chemistry.

The unique synergy between Fujifilm hardware, software and consumables is your assurance of total compatibility and quality, backed by proven Fujifilm service and support.

### THERMAL CTP FOR ALL

**Easy handling**

One of the most popular aspects of thermal CTP is daylight handling. Fujifilm Brillia plates can be unpacked and loaded without the restrictions of a darkroom: LH-PIE, LH-PJE and LH-PCE plates are safe for up to one hour in white light.

**Flexible productivity**

The entry-level Luxel T-6300CTP delivers 11 B2 plates per hour, while the T-6300CTP S can output 21 plates per hour at 2400 dpi. For B1, the productivity choice is even wider, from 8 plates an hour with the T-9300CTP up to 35 plates per hour at 2400 dpi with the T-9800CTP II with High Speed option.

To be even more flexible, the new design allows on-site upgrades: T-6300CTP to T-6300CTP S; T-9300CTP to T-9300CTP S; T-9500CTP to T9500CTP S; T-9800CTP II High Speed option.

**Remote Monitor**

This feature provides the ability to view the recorder status and history at any time and from anywhere on the LAN. It also allows the user to be kept informed via e-mail.

### Productivity – plates per hour at 2400/2438 dpi

<table>
<thead>
<tr>
<th>Platesetter</th>
<th>B2 Plates per Hour</th>
<th>B1 Plates per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-6300CTP</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>T-6300CTP S</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>T-9300CTP</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>T-9500CTP</td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>T-9500CTP HS</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>T-9800CTP II</td>
<td></td>
<td>35</td>
</tr>
</tbody>
</table>

(With High Speed option)

### Superior screening technologies for highest quality and productivity

To enhance the image quality delivered by the Luxel T-Series for superior printed products, Fujifilm offers two advanced screening technologies: the revolutionary Co-Res AM screening and next-generation TAFFETA FM screening.

Fujifilm Co-Res SCREENING enables printing at high screen rulings using low output resolutions. The use of conventional line screens avoids press calibration and print issues experienced with other screening technologies. Co-Res SCREENING provides wider on-press latitude and superior image quality with the same effort and process control as traditional 175 lpi screening.

Fujifilm TAFFETA FM screening offers all benefits related to FM screening such as moiré elimination, better colour saturation, improved detail reproduction, printing with more than four colours, improved texture, reduced waste and less ink consumption. Unlike other FM screening technologies it reduces unevenness and graininess and provides improved printability on press.

In conjunction with Fuji Rampage Open Workflow, the Liso and Segundo screening technologies are available.

### A variety of combinations to meet your needs

Each T-Series platesetter allows you to start with a simple manual plate loading setup and expand it to include a processor, a bridge from platesetter to processor, a single autoloader to feed plates to the platesetter or a multi-cassette autoloader for fully-automated plate production.
Main features

- Entry-level models ease the step to high quality thermal CTP output for customers who do not require highest productivity.
- Field upgrades for the entry-level models are available to increase productivity when required.
- New Luxel T-9800CTP II CTP with 512 channels using state-of-the-art GLV™ technology for customers requiring top level of productivity and quality.
- Uniform exposure on a wide range of thermal plates.
- Auto-balancing drum enables imaging of different plate sizes without manual adjustment.
- Fujifilm Co-Res SCREENING and Fujifilm TAFFETA FM screening for optimum high quality results with ease of printing.
- Easy expansion to simplify operation with an on-line plate processor and auto-loader.
- Single and multiple cassette auto-loader option available for all models.
- Increased efficiency and precision with optional automatic internal punch.
- View the recorder status and history anytime on the LAN and keep the operator informed by e-mail with Remote Monitoring.

With the entry-level models featuring an unprecedented price/performance ratio, the new flagship model T-9800CTP II has been added to the proven line-up of Luxel T B1 and B2 devices. Fujifilm now provides high quality thermal platesetting for the widest range of applications and productivity demands.
Fujifilm’s first thermal platesetter, the Luxel T-9000CTP, was launched in 1998 and has since proven its reliability in the field. The original design concept has not been tampered with: small refinements and changes have been made to increase its versatility and productivity, other modifications (such as reduction of the number of laser diodes) were introduced in order to provide a more economic system without compromising overall output quality. Depending on productivity, the imaging head contains either a varying number of individual, power-adjustable infrared laser diodes (from 16 to 64 channels) or, in the most advanced exposure method, the 512 laser diode channels utilising GLV™ technology featured in the Luxel T-9800 CTP II.

At the heart of each T-Series platesetter is an external imaging drum. Each plate is fed in either manually or by an optional auto-loader where it is pulled onto the drum by a fixed clamp on the drum. The trailing edge of the plate is automatically detected and a second clamp moves into position to grip it firmly. Optional punching takes place, with blocks available for many popular configurations including Screen, Bacher, Protocol and Komori.

Vacuum grooves inset into the drum’s surface are designed to maintain any size of plate at the optimum distance from the imaging head during imaging. Once held in place, a unique autobalancing system rapidly makes minute adjustments to the balance of each drum/plate combination to allow the drum to spin at a remarkable 1000 rpm.

Once imaged, the plate is ejected into a hopper on manual configurations or into a bridge direct to a processor.

### PROVEN ENGINEERING

#### Reliability

Developing a range of platesetters by refining a successful, field-proven design assures product reliability.

All the mechanical, electrical and optical systems have been designed to operate dependably, guaranteeing consistency plate after plate, day after day.

#### Quality

Very precise on-press register, which is virtually unobtainable using traditional film-based platemaking, comes as a standard with Luxel T series platesetters. Repeatability is better than ± 5 microns*. This accuracy is available at all resolutions and all plate sizes, and uniform exposure across plates is inherent in the design of the platesetters.

All of this ensures the same high quality whatever the job.

*over four successive exposures on one plate at 23°C and 60% relative humidity.

### What is GLV™ (Grating Light Valve™)?

GLV™ technology features MEMS (micro-electro-mechanical systems) transmission and sensors, and is based around light sources that take advantage of semiconductor technology and light interference methods used in biotechnology. The GLV™ structure consists of an array of parallel ribbons on a semiconductor board which diffract a single light source into multiple channels of light.

The Luxel T-9800CTP II utilises a 512-channel imaging head deploying GLV™ technology. This unique imaging head enables high-precision, high-speed imaging without requiring any reduction in rotational speed. The result is a remarkable jump in output productivity.

Grating Light Valve and GLV are trademarks of Silicon Light Machines (headquartered in the United States)
This surface has a complex structure that combines three elements: primary grains, honeycomb grains and micropores. This unbeatable combination delivers rich tonal values, exceptional dot resolution from highlights to shadows, an easily-maintained ink/water balance and long print runs, yet the plates are no more difficult to make than conventional ones.

White light handling

One of the most convincing arguments in favour of thermal platemaking is its tolerance to daylight. Fujifilm Brilla LH-PJE, LH-PIE and LH-PCE positive working thermal plates can be exposed to white light for up to one hour, which means plates can be unpacked and loaded without the need for a darkroom.

Key functions and parameters are controlled from the integrated touchscreen, which is both intuitive and simple to operate. Manual plate loading is at waist height to aid productivity by reducing unnecessary operator movements. Handling of the single auto-loader is simple and convenient. A slide-out drawer holds up to 100 plates of any size. The E-type auto-loader accommodates up to 50 plates, matching the devices’ throughput. The multi-loader will accept up to five cassettes (three cassettes on B2 multi-loader), each stacked with up to 100 plates, allowing up to 500 plates (300 plates on B2 multi-loader) in five sizes to be available online. Additional cassettes can be kept ready-loaded. An optional internal automatic online leading edge punch block can be added to further automate platemaking, with off-the-shelf punches for most popular plate formats. Other punches are available to special order.

CONSUMABLES

Fujifilm thermal plates use aluminium bases coated with Fujifilm’s patented MultiGrain print layer, renowned for its outstanding performance and tonal characteristics. This surface is available online. Additional cassettes can be kept ready-loaded.

An optional internal automatic online leading edge punch block can be added to further automate platemaking, with off-the-shelf punches for most popular plate formats. Other punches are available to special order.

C20 UV cut – LH-PIE/LH-PJE/LH-PCE: 2 hours
G10 Yellow – LH-PIE/LH-PJE/LH-PCE: 12 hours
White light – LH-PIE/LH-PJE/LH-PCE: 1 hour
Three stages of automation

With manual operation, Luxel T Series platesetters provide streamlined plate production with intuitive plate management. With the addition of automation options – available even for the entry level systems – they become highly efficient systems for automated production.

Online processing

Adding a bridge to the processor removes delays caused by operators needing to manually transfer imaged plates from the platesetter to the processor. The operator simply has to load plates in and can then get on with other work before returning to collect the press-ready plate.

Auto-loading single cassette

With a single cassette auto-loader fitted to the front of the platesetter, up to 100 plates of any one size can be loaded and left to image and process unattended. Significant amounts of operator time are saved, and a further potential bottleneck is removed from the plate production process.

The single E-type auto-loader is of different design. It can hold up to 50 plates.

Auto-loading multi-cassette

Completing the automation options is the multi-cassette facility: this provides up to 100 plates each of up to 5 different sizes (maximum multi-auto-loader capacity for B2 is 3 cassettes). Plate size selection can be controlled using the simple touch-screen LCD panel.

Additional plate cassettes can be loaded up and kept ready for when an online cassette becomes empty.

ABOUT FUJIFILM

The range of prepress products and solutions from Fujifilm covers every part of the workflow, including professional digital cameras, scanners, colour management, workflow systems, time tracking, resource management, platesetters, imagesetters, consumables and environmental products.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>T-6300CTP</th>
<th>T-6300CTP S</th>
<th>T-9300CTP</th>
<th>T-9300CTP S</th>
<th>T-9500CTP</th>
<th>T-9500CTP S</th>
<th>T-9500CTP HS</th>
<th>T-9800CTP II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
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<td>B2+</td>
<td>B1+</td>
<td>B1+</td>
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<td>Min (factory option)</td>
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<td>0.15 to 0.30mm</td>
<td>0.15 to 0.30mm</td>
<td>0.15 to 0.30mm</td>
<td>0.15 to 0.30mm</td>
<td>0.15 to 0.30mm</td>
<td>0.15 to 0.30mm</td>
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<td>2400, 2438, 2540</td>
<td>2400, 2438, 2540</td>
<td>2400, 2438, 2540</td>
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<td>Punch systems (option)</td>
<td>max 4 (2 sets)</td>
<td>max 4 (2 sets)</td>
<td>max 8 (4 sets)</td>
<td>max 8 (4 sets)</td>
<td>max 8 (4 sets)</td>
<td>max 8 (4 sets)</td>
<td>max 8 (4 sets)</td>
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<td>Exposure Head</td>
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<td>16ch Can type</td>
<td>32ch Can type</td>
<td>32ch Can type</td>
<td>32ch Fibre type</td>
<td>64ch Fibre type</td>
<td>GUV type</td>
</tr>
<tr>
<td>Field upgradability to T-6300CTP S</td>
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<td>not available</td>
<td>to T-9300CTP S</td>
<td>not available</td>
<td>to T-9300CTP S</td>
<td>not available</td>
<td>not available</td>
</tr>
<tr>
<td>Productivity (max LH-FIE plates / hour @ 2400dpis)</td>
<td>11 (745 x 615mm)**</td>
<td>21 (745 x 615mm)**</td>
<td>8 x B1***</td>
<td>13 x B1***</td>
<td>14 x B1***</td>
<td>20 x B1***</td>
<td>20 x B1***</td>
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<tr>
<td>Power requirements</td>
<td>Single phase 200 to 230V</td>
<td>20A, 4.0kW</td>
<td>32A, 5.0kW</td>
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<td>1285 x 2420 x 1295</td>
<td>1285 x 2420 x 1295</td>
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<td>Weight</td>
<td>670kg</td>
<td>670kg</td>
<td>1150kg</td>
<td>1150kg</td>
<td>1150kg</td>
<td>1150kg</td>
<td>1150kg</td>
</tr>
</tbody>
</table>
| **Using 8mm clamps, the additional punch which secures the plate on the drum for high drum rotation speeds is disabled and the drum speed is reduced.**

**Factory option: 0.4mm thickness plate support. Available only for plate sizes between 950 x 500mm and 1160 x 940mm. Autoloader requires an optional upgrade kit.**

**Output speed may vary depending on the sensitivity of the media and clamp size selection.**

**Widths between 590mm and 610mm require an optional registration punch block.**

### All models

- **Environment:** 23°C ± 2°C, humidity 40-70% non-condensing. No excessive air contaminants.
- **Media types:** Fujifilm Brillia thermal plates LH-FIE, LH-FJE and LH-PCE.
- **Options:** Bridge; single cassette autoloader, multi cassette autoloader; cassette for single cassette autoloader; cassette for multi-cassette autoloader.
- **Punching options:** On-line, lead-edge punching options: Komori, Heidelberg, Man Roland. Custom options available.
- **Repeatability:** ±5 microns over four consecutive exposures on one plate at 23°C and 60% relative humidity, ±10 microns, image to punch, at 23°C and 60% relative humidity.
- **RIP interface:** RIF interface between platesetter and RIP workstation.
- **RIP supported:** Ceanst and Fuji Rampage Open Workflow. Third party workflows can be interfaced, please contact Fujifilm for specific information.
- **Technology:** Drum balance and clamping system.
- **User interface:** Intuitive touch screen control panel.

### Auto-loader specifications

<table>
<thead>
<tr>
<th>T-6000ALE</th>
<th>T-6000AL IV</th>
<th>T-6000ML IV</th>
<th>T-9000AL IV</th>
<th>T-9000ML IV</th>
</tr>
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<tbody>
<tr>
<td>Cassettes</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Cassette capacity</td>
<td>50</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Paper removal</td>
<td>manual auto auto auto</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| additional cassette on trolley available as an option |

### Luxel T-series auto-loader connectivity

<table>
<thead>
<tr>
<th>T-6300 series</th>
<th>T-6000ALE</th>
<th>T-6000AL IV</th>
<th>T-6000ML IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-6300CTP</td>
<td>available</td>
<td>available</td>
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<tr>
<td>T-6300CTP S</td>
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</table>

<table>
<thead>
<tr>
<th>T-9000 series</th>
<th>T-9000AL IV</th>
<th>T-9000ML IV</th>
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</thead>
<tbody>
<tr>
<td>T-9300CTP</td>
<td>available</td>
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<tr>
<td>T-9300CTP S</td>
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<td>T-9500</td>
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</tbody>
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